

GEMS 135780 (3787)

**POWER OF ATTORNEY & DECLARATION FOR PATENT APPLICATION**☒ **X** Original    ☐ Supplemental    ☐ Substitute    ☐ PCT

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below), or an original, first, and joint inventor (if multiple names are listed below) of the subject matter which is claimed and for which a patent is being sought related to the invention entitled:

**SAMPLING METHODS AND SYSTEMS THAT SHORTEN READOUT TIME  
AND REDUCE LAG IN AMORPHOUS SILICON FLAT PANEL DETECTORS**

the specification of which (check one):

☒ **X** is attached hereto; or

☐ was filed on \_\_\_\_\_ as U.S. Patent Application No. or PCT International Patent Application No. \_\_\_\_\_, and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-referenced specification, including the claims, as amended by any amendment referred to above.

I hereby acknowledge the duty to disclose information which is material to the patentability of this invention in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below, and have also identified, by checking the appropriate box below, any foreign application(s) for patent or inventor's certificate, or of any PCT international application(s) having a filing date before that of the application on which priority is claimed.

Prior Foreign Applications			Priority Claimed		Copy Attached	
Application No.	Country	Foreign Filing Date (mm/dd/yyyy)	YES	NO	YES	NO

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below and claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

**GEMS 135780 (3787)**

Application No.	Filing Date	Status (Mark Appropriate Column Below)		
		Patented	Pending	Abandoned

As a named inventor, I hereby revoke all prior powers and appoint the following attorney(s) and or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

**COMPANY NAME:** GE Medical Systems Global Technology Company, LLC - Michael Della Penna, Reg. No. 45,697; Carl B. Horton, Reg. No. 34,622; Peter Vogel, Reg. No. 41,363.

**FIRM NAME:** Dougherty, Clements & Hofer, 1901 Roxborough Road, Suite 300, Charlotte, North Carolina 28211.

Attorney and/or Agent	Registration No.
Tracey R. Loughlin	51,969

I hereby acknowledge that the above listed attorneys and/or agents and their firm, Dougherty Clements & Hofer, represent my employer (if I am an employee and this application has been or will be assigned to my employer) or the entity with which I have contracted (if I am an independent contractor and this application has been or will be assigned to such entity) and in such cases do not represent me individually. I further acknowledge that I have not established, nor will I seek to establish, any personal attorney/client relationship with Dougherty, Clements & Hofer in connection with this application and understand that, should I require legal representation, I will obtain such at my expense other than through Dougherty, Clements & Hofer.

Please Send Correspondence to:

**Tracey R. Loughlin, Esq.**  
**Dougherty, Clements & Hofer**  
**1901 Roxborough Road, Suite 300**  
**Charlotte, North Carolina 28211**

Please Direct Telephone Calls to:

**Tracey R. Loughlin, Esq.**  
**(704) 366-6642**

**GEMS 135780 (3787)**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issued thereon.

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Full Name of Sole/First Inventor: **MANAT MAOLINBAY**

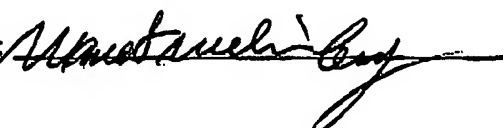
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Inventor's Signature:

 Date: 8/18/2003

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Full Name of Second Inventor: **PAUL GRANFORS**

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Inventor's Signature: Paul R. Granfors Date: 8/10/03

**GEMS 135780 (3787)**

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Full Name of Third Inventor: **RICHARD AUFRICHTIG**

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Inventor's Signature:  Date: Aug 18, 2003

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Full Name of Fourth Inventor: **RICHARD CRONCE**Residence: 5780 So. Timberlane Rd.  
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Mailing Address (if different): Same as above

Inventor's Signature



Date:

